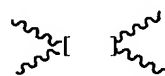


(a)



(b)



Crosslinked chemical bonds



Chain between the crosslinked bonds

F

A temperature sensitive polymer or oligomer

D

A biodegradable moiety

$C^*$

A cross-linkable moiety

C

A cross-linking moiety

FIG. 1

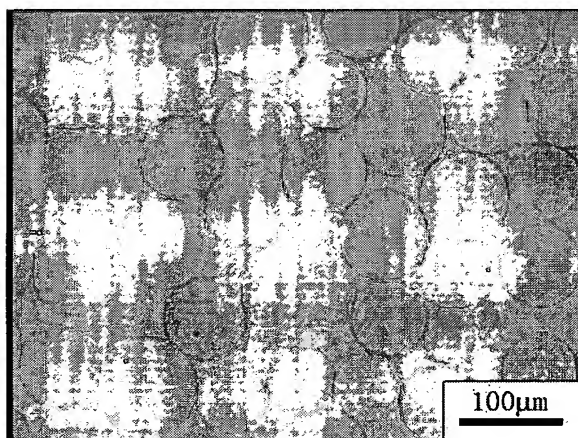


FIG. 2a

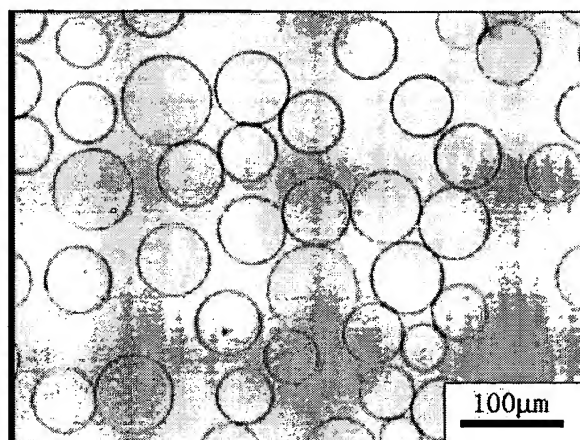


FIG. 2b

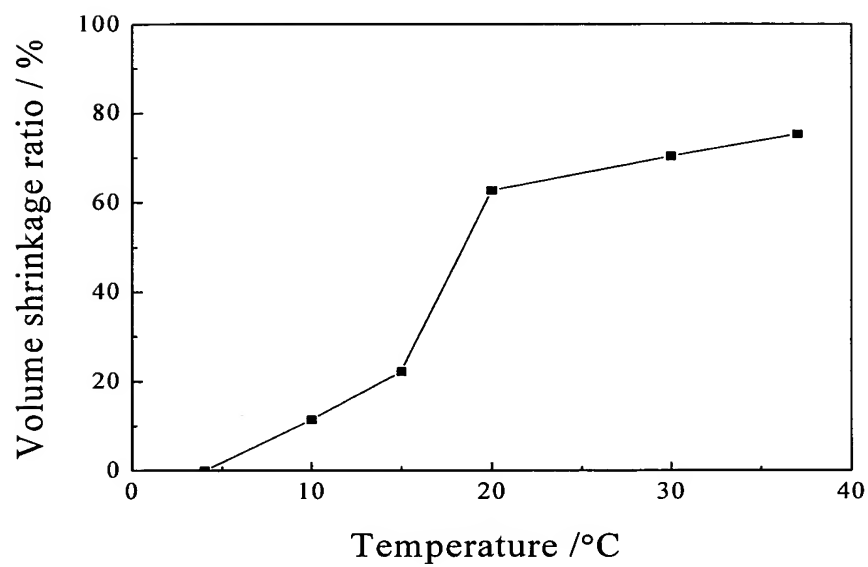


FIG. 3

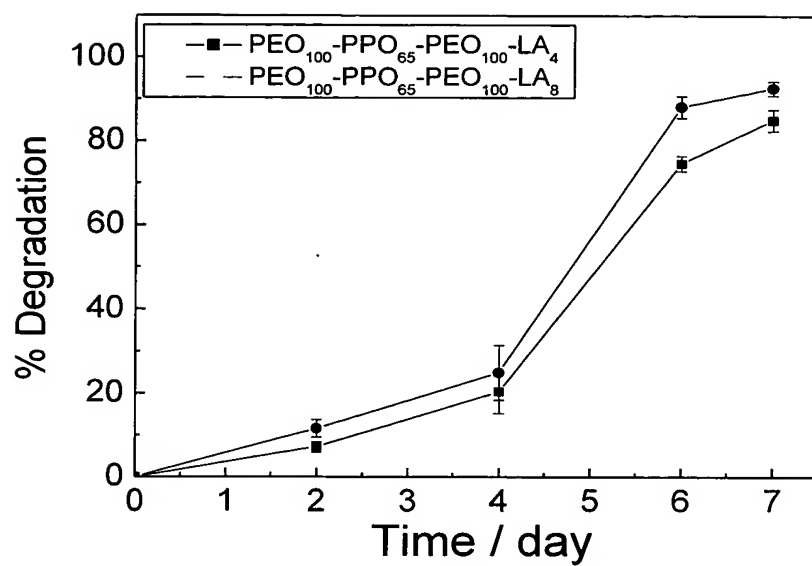


FIG. 4

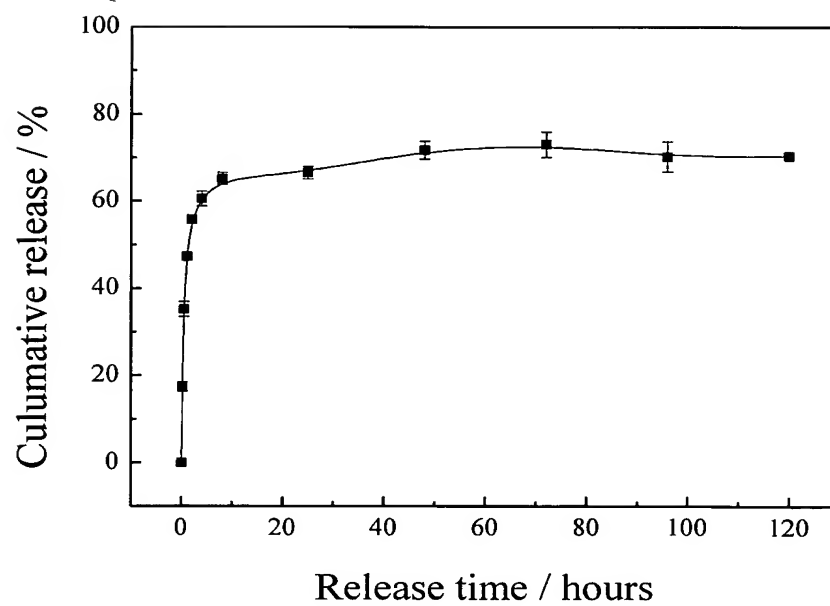
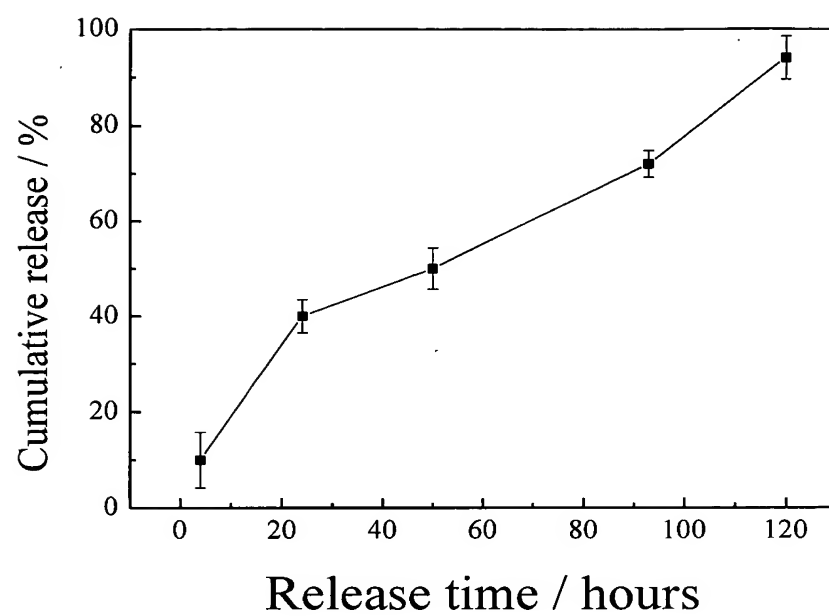


FIG. 5



**FIG. 6**